

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A method for gasification of halogen-containing remainders and waste materials, comprising the steps of:

obtaining a reactant comprising at least one of halogen-containing remainders and a halogen-containing waste material having a heat value of greater than 6 MJ/kg;

reacting the reactant and a gasification agent containing free oxygen into a crude gas in [[a]] an entrained flow gasifier using a flame reaction at a pressure in excess of ambient pressure to a final temperature of at least 1100° C, the crude gas including carbon monoxide, hydrogen-containing gas and halogen/hydrogen-containing gas;

contacting the crude gas with a predetermined quantity of water, the water being guided in a circulation and enriched with halogen/hydrogen, for cooling and saturating the crude gas by evaporation of a part of the predetermined quantity of water ~~with steam~~; and

absorbing, after said step of contacting, at least one of solid components, liquid components and gaseous components of the crude gas containing halogen/hydrogen that are soluble in water using a remainder of the predetermined quantity of water that has not been evaporated.

2. (original) The process according to claim 1, wherein the obtaining step includes obtaining a reactant further comprising an additional combustible material.

3. (currently amended) The process according to claim 1, further comprising the step of cooling the crude gas having a temperature of at least 1100° C indirectly by heat recovery before the contacting step.

4.-7. (canceled)

8. (currently amended) The process according to claim [[6]] 1, further comprising the further step of processing the water containing the gaseous components removed from the crude gas to obtain valuable materials.

9. (currently amended) The process according to claim [[6]] 1, comprising the further step of processing a residual gas which is high in CO and H<sub>2</sub> to form one of energy gas and synthesis gas after one of complete and partial removal of halogen/hydrogen components that are soluble in water.

10. (previously presented) The process according to claim 8, further comprising the step of supplying one of liquid, liquid/solid mixture and solid halogen-containing remainders and waste materials that are one of soluble and insoluble in one another simultaneously as the reactant to the gasification process in an entrained flow.